

December 2017 – Events and Announcements

Dear Growers and Friends,

End-of-season coffee to-dos:

Don't let it "raisin" your parade. When your last harvest is completed, be sure to head back into the field as soon as possible (preferably within 3 weeks) to [strip pick](http://bit.ly/2nqo7gh) (<http://bit.ly/2nqo7gh>) all green, ripe, over-ripe and raisin (dried) berries from the trees. Do not wait to remove these straggler berries. If they become over-ripes and raisins, many of these berries will end up falling to the ground. CBB will continue to reproduce and remain in the field from one season to the next. After strip picking the berries, process or destroy them to kill the beetles within. End-of-season strip picking should be done prior to pruning.



By conducting an end-of-season strip picking and following IPM recommendations, economic models and field research show that growers can maintain lower levels of CBB throughout the season. These activities, when done correctly, can help a grower lower their percentage of CBB-damaged coffee. By comparison, it is extremely difficult and very costly to recover from a high cbb level at the beginning of the season. A YouTube video on end-of-harvest strip picking will be available for viewing soon.

For farms with an extended coffee season, continue to [monitor](http://bit.ly/2Bxj2Vv) (<http://bit.ly/2Bxj2Vv>) and/or spray at least monthly to protect young berries on the trees. And while young and mature berries develop on the branches, you must still sanitize the field by harvesting ripe, over-ripe and raisin berries. If at any point, you have an end in your harvest season, use this opportunity to remove all mature green, ripe, over-ripe and raisin berries from the trees. You are trying to create a gap so CBB have no mature berries to move into and so, are sitting in the A/B position where *Beauveria* can kill them. Remember that once a berry is about 90-120 days old, CBB can drill into the bean (C/D position) within hours, making spray treatments extremely difficult in mature green and older berries. In summary, control CBB in the A/B alive position with spraying, while using physical removal to control CBB in the C/D position.

Lastly, keep [track](http://bit.ly/2Av4YN4) (<http://bit.ly/2Av4YN4>) of all major flowerings to determine berry age and timing of an early season strip pick.

Junior Extension Agent for CBB:

Update: We are currently in the process of hiring a Junior Extension Agent for coffee berry borer outreach. We hope to have this new person on board early next year.

Next year's weather forecast:

Weather has a lot of influence on farming practices as well as pest and disease incidence and management. According to NOAA, their climate forecast system and other climate models predict a continuation of La Niña weather conditions through this winter. Above normal rainfall is anticipated (as we are experiencing currently) for East Hawaii through December 2017.

If your home, farm and/or structures sustain damages from high winds and/or rain, contact your home and crop insurance agents immediately. *****BEFORE YOU BEGIN CLEAN UP**, document all damages with (clear and focused) photos and/or video. Review your inventory and take note of anything damaged or missing. If you would like information about crop insurance, visit: <http://bit.ly/2eVzuc5>. Click on "List of Crops That Can Be Insured" on the left side of the page or scroll down until you see photos of fruit and nut trees. There you can click on factsheets for Hawaii's insurable crops. Remember that you must have a valid insurance policy before you can claim a crop loss. If you do not have crop insurance, you may be able to claim damages and losses under [USDA FSA's Disaster Assistance Programs](http://bit.ly/2jMKo2l) (<http://bit.ly/2jMKo2l>).

Above normal average temperatures are expected for Hawaii through the new year and into July 2018. Models indicate there will be moderate rainfall from the January to April and then drier conditions from May to July. In La Niña years, while windward areas receive a lot of rain, the leeward areas tend to remain dry.

Be on the lookout for the presence of macadamia quick decline, root rots, anthracnose, cercospora, sooty mold, sucking and chewing insects, slugs and snails, and other problems that are more prevalent in wet and humid environments. In drier times, be vigilant of rodents, powdery mildew, beetles and other pests and diseases that prefer dry and even cool conditions. If you suspect the start of a pest or disease outbreak on your [coffee](http://bit.ly/2Avcsjij) (http://bit.ly/2Avcsjij), fruit or nut farm, and need assistance, please contact me at andreak@hawaii.edu or 808-322-4892.

New coffee website address:

I recently purchased a domain name for the hawaiicoffee.weebly.com site. Although the two addresses are linked, you can now find my coffee and CBB information at www.hawaiicoffeed.com. Be sure the address has (3) E's when you type it in; it's "hawaii coffee ed(ucation)."

New CTAHR Publications:

Macadamia Felted Coccid Eriococcus ironsidei (Hemiptera: Eriococcidae) Description, Monitoring, and Control: <http://bit.ly/2i7IIS2>

Vacation:

I will be on vacation and away from the office from December 13th to January 2nd. If you have a farm emergency, please contact Dr. Alyssa Cho at (808)969-8225 or acho@hawaii.edu or Sharon Motomura-Wages at (808)969-8250 or smotomur@hawaii.edu. For tissue/soil samples, contact the Kona Extension Office at (808)322-4892. If you send me an email or leave a message while I'm away and don't hear from me in a timely manner post January 2nd, please follow-up with me.

Happy holidays to everyone!
Andrea

UH CTAHR Cooperative Extension Offices will be closed on the following days:

Monday, December 25th, in observance of Christmas
Monday, January 1st, in observance of New Year's Day

Visit <http://hawaiicoffee.weebly.com/events-and-announcements.html> for additional information on the following events, announcements and more.

HiSTEP 2018 Kick-off Seminar - Kona

Thursday, December 7, 2017
8:45 am - 11:00 am
Hawaii SBDC Office
73-970 Makako Bay Drive
NELHA Hale Iako
Kona, HI 96740

2018 offers new opportunities to boost your business with export training and assistance for YOUR target markets! Please join us to learn more about the 2018 Hawaii State Trade Expansion Program, also known as HiSTEP 2018. The

program is designed to assist small businesses in Hawaii with growing your export business in markets around the world.

Register online for this free workshop: <http://bit.ly/2iocNPX>

Produce Safety Alliance (PSA) Grower Training - Kona

Friday, February 16, 2018
8:00 am - 5:00 pm
West Hawaii Civic Center
74-5044 Ane Keohokalole Hwy.
Kailua-Kona, HI 96740
Class fee: \$150*

LEARN HOW TO GROW MORE SAFELY

All non-exempt farms will be required to have at least one owner or managerial staff member on site who has attended an approved FSMA Produce Safety Rule training such as this one. Even exempt farms will be required to keep certain records, which will be covered in this workshop. And regardless of your scale, everyone can benefit from learning about food safety practices on the farm!

AT THIS WORKSHOP

Trainers have been trained and certified by the Produce Safety Alliance to teach

- Worker Health, Hygiene, and Training
- Soil Amendments
- Wildlife, Domesticated Animals, and Land Use
- Agricultural Water (Part I: Production Water; Part II: Postharvest Water)
- Postharvest Handling and Sanitation
- How to Develop a Farm Food Safety Plan

LUNCH AND DRINKS PROVIDED

*HFUU and HFB members may be eligible to receive (reimbursement) scholarships, please inquire with your organization directly. Register online at <https://konapsa.eventbrite.com>. For more information, contact Sharon Motomura Wages at smotomur@hawaii.edu or at 808-969-8251.

Job Announcement - CTAHR - Agricultural Research Technician - Big Island

Position #: 217568
Position Title: Agricultural Research Technician III
Closing date: Continuous

Two positions are open and is located on the Big Island. For the full job announcement and to apply, go to: <http://bit.ly/2ng9AUu>

Cacao Growers - Request for Farm Cooperators

Dr. Tracie Matsumoto (PBARC) is looking for cooperator farms to collect samples of Black Pod and Phytophthora canker for visiting scientists from Mars/USDA Cocoa Laboratory and ARS. They would like to collect samples on January 16th and 17th. If you are interested in participating, please contact Dr. Matsumoto at Tracie.Matsumoto@ars.usda.gov or (808)959-4358.

2017 Kona Coffee Cultural Festival Cupping Competition

Congratulations to all winners of this year's Kona Coffee Cultural Festival cupping competition (<http://bit.ly/2zBfOzP>) and to those who submitted entries! I would also like to send a big mahalo to Shawn and Daylight Mind Coffee Company, for working with us at the Kona Cooperative Extension Service, to collect the cupping entries and continue to service Hawaii's coffee growers. Thank you also, to the hard-working cuppers and committee members that made this happen! -Andrea

Coffee Review's Top 30 Coffees of 2017

Here is Coffee Review's Top 30 Coffees of 2017: <http://bit.ly/2AAFqk0>
Congratulations to Hula Daddy Kona Coffee!

HDOA CBB Pesticide Subsidy Program

Aloha Coffee Growers,
Apply now for up to 50% reimbursement on *Beauveria bassiana* **purchases made 7/1/2016 through 6/30/2017**. Original receipts are required. The HDOA CBB Pesticide Subsidy application and instructions are online at <https://www.surveymonkey.com/r/2016-17HDOACBBAnnualReimbursement>

Contact the office at hdoa.cbb@hawaii.gov or 808.323.7578 for a copy of the application, or for additional information. The CBB Subsidy Office is still located in the State Office Building at 82-6130 Mamalahoa Hwy in Captain Cook, but has moved to Room # 7. Happy Holidays to you and yours!
-Gwen Hicks

New Mite Species Found In Maui And Kauai

A new mite species was recently found infecting poinsettias in Maui and Kauai. Citrus grey mite, *Calarcarus citrifolii* Keifer, has a large alternate host list. They can be found on citrus, poinsettia, papaya, lilikoi, and attack the fruit of banana. The infestation of citrus grey mite (<http://bit.ly/2BzJqPp>) can leave the appearance of leaf browning and necrotic yellow blotches. On citrus, it can transmit a serious disease, commonly known as 'concentric ring blotch' (<http://bit.ly/2zT2wTq>), which affects young tissues and the growth of new leaves, shoots, branches and fruits.

Help prevent the spread of agricultural pests and diseases to other islands. If you plan on transporting any plants or propagative plant parts between islands, contact your nearest HDOA Plant Quarantine Office (<http://hdoa.hawaii.gov/pi/plant-quarantine-contacts/>). All propagative plant materials must be inspected and approved before mailing, transport and travel. For more information on the Interisland Inspection Program, go to <http://hdoa.hawaii.gov/pi/pq/interisleinspection/>.

Article - HortTechnology - Microfermentation of Cacao: The CTAHRBag System

Here is a journal article on cacao - Microfermentation of Cacao: The CTAHRBag System - Bittenbender et al: <http://bit.ly/2kbAL1r>

CTAHR Notes

Issue 338, November 8, 2017: <http://bit.ly/2katcs2>

- Roots Research
- Ag Theft

Issue 340, November 22, 2017: <http://bit.ly/2AfiPZS>

- Long, Dark, and Handsome
- Lynn Against the Lungworm

- Got Ulu?
- Brainstorming for the Future
- Unbeleafable!
- and more...

KCFA - The Independent Voice - November 2017 Newsletter

To view the newsletter, go to <http://eepurl.com/c922S9>

In this issue:

- Panama Coffee Auction Record Bid - \$601/lb.
- Fermentation with Yeast – an Experiment
- Revisit the Feldman Study
- HDOA Sponsored Food-Oriented Trade Shows
- Questions about KonaRed Cold Brew Coffee
- Seal of Quality Campaign
- Salute to Supporting Business Member: Lind Insurance Services
- Recipe: Kona Gold Martini

Lind Insurance Services - Newsletter - Hawaii Crop Insurance News

For the newsletter, go to <http://conta.cc/2AJaKxw>

This issue includes the following:

- Protect Your Crops! – Final Date to Apply Dec 31st
- Hawaii Tropical Tree Crop Insurance Listening Session
- Coffee Berry Borer and Coffee Crop Insurance
- Did You Know? NASS Statistics are Crucial to Crop Insurance

USDA FSA - News Release

USDA Offers Targeted Farm Loan Funding for Underserved Groups and Beginning Farmers

(Honolulu, Hawaii), October 31, 2017 – U.S. Department of Agriculture (USDA) Hawaii and Pacific Basin Farm Service Agency (FSA) Active Executive Director Steve Peterson reminds producers that FSA offers specially targeted farm ownership and farm operating loans to underserved applicants as well as beginning farmers and ranchers.

“Each year, a portion of FSA’s loan funds are set aside to lend to targeted underserved and beginning farmers and ranchers,” said Peterson. “Farming and ranching is a capital intensive business and FSA is committed to helping producers start and maintain their agricultural operations.” To view full news release, go to <http://bit.ly/2kaU8rk>

USDA Designates Maui County in Hawaii as a Primary Natural Disaster Area

WASHINGTON, Oct. 30, 2017 — The U.S. Department of Agriculture (USDA) has designated Maui County in Hawaii as a primary natural disaster area due to losses and damages caused by a recent drought. Farmers and ranchers in Kalawao County in Hawaii also qualify for natural disaster assistance because their county is contiguous. To view the news release, go to <http://bit.ly/2zDtFWt>

USDA FSA Hawaii & Pacific Basin – November 2017 Newsletter

For the newsletter, go to <http://bit.ly/2kaE7Sq>

This issue includes the following:

- December 1st—NAP Deadline
- USDA Offers Targeted Farm Loan Funding for Underserved Groups and Beginning Farmers

- Breaking New Ground
- Hawaii Tropical Tree Listening Sessions
- 2015, 2016 and 2017 Average Adjusted Gross Income Compliance Reviews
- November 2017 Interest Rates

Climate Learning Network - Newsletter - Volume 3, Issue 6 November, 2017

For the newsletter, go to <http://bit.ly/2ApKtnu>

In this issue:

- REACCH Advances in Dryland Farming Webinar Mini Series
- Monthly Webinar Series: The CONSERVE Program, Transdisciplinary Research, Extension and Education at the Nexus of Sustainable Water Reuse, Food, and Health
- USDA Regional Climate Hubs Launch New Website
- and more...

SCA - November Newsletter

Check out Specialty Coffee Association's (SCA) [November Newsletter](#) for opportunities to learn more about specialty coffee and events: <http://bit.ly/2i3NeQu>

- Specialty Coffee Expo & Re:co Symposium - April 19-22, 2018
- 2017 US Specialty Consumption Trends
- 2017 Western European Coffee Market Sizes
- and more...

Coffee & Cocoa International - Newsletter - Issue 99

For the newsletter, go to <http://bit.ly/2AjBwJN>

This issue includes the following topics:

- Further Growth Predicted in US Coffee Shop Market
- ILO Releases New Global Estimates of Child Labour
- Cocoa Price Climbs on News from Côte d'Ivoire
- and more...

P&A Coffee Newsletter - Confidential

To view the newsletter, <http://bit.ly/2Akvp80>

In this issue:

- Bees Help to Produce Bigger Beans and More Coffee
- Brazilian Specialty Coffee Exports Rising Sharply
- 2018 Crop Potential Lowered by Adverse Climate
- Brazilian Coffee Industry Expects Tight Supply
- **Outlook:** Brazil, Global Champion in Native Vegetation and Biodiversity (Page 3)
- **Machine Of The Month:** High-Tech Coffee Grading By Size (Page 4)